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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(s): Benoist SEBIRE

SERIAL NO.: ART UNIT:

FILING DATE: HEREWITH EXAMINER:

TITLE: INTERLEAVING OF INFORMATION BITS

ATTORNEY

DOCKET NO.: 946-012024-US (PAR)

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT  
(37 C.F.R. §1.97(b)(2))

Sir:

This information disclosure statement is being filed within three months of the date of entry of the national stage as set forth in §1.491 in an international application.

The following information is being disclosed to the Patent and Trademark Office as information that may be material to the examination of the above-identified patent application.

The above-identified patent application has a counter part PCT patent application No. PCT/FI2003/000499. Applicant's attorney encloses a copy of an International Search Report issued for the counter part application. The International Search Report cites several references, listed below, that are being disclosed to the Patent and Trademark Office as information that may be material to the examination of the above-identified patent application.

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US 2002/0044612 A1

US 2002/0007475 A1

US 2002/0035709 A1

WO 99/07076

EP 0 980 162 A1

EP 0 996 232 A3

FI 108822 B

"Performance Analysis of Adaptive Interleaving for OFDM Systems",  
Sai-Weng Lei et al., Transactions on Vehicular Technology, Vol.  
51, No. 3, May 2002, pp. 435-444

"New Classes of Algebraic Interleavers for Turbo-Codes", Oscar Y.  
Takeshita, et al., ISIT 1998, Cambridge, MA, USA, page 1.

Copies of these references are enclosed together with a Form PTO-1449 for the Examiner's use.

The filing of this Statement is not to be construed as a representation that a search has been made regarding the claimed invention (37 C.F.R. §1.97(g)) or that no other possible material information exists. In addition, the filing of this Information Disclosure Statement is not to be construed to be an admission that the information cited in the Statement is, or is considered to be, material to patentability (37 C.F.R. §1.97(h)).

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any overpayment to Deposit Account No. 16-1350.

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Respectfully submitted,

  
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10 December 2004  
Date

<b>INFORMATION DISCLOSURE CITATION FORM FOR PATENT APPLICATION (FORM PTO-1449) (Substitute)</b>	Docket No.: 946-012024-US (PAR)	Serial No. <b>10/518156</b>
	Applicant(s): Benoist SEBIRE	
	Filing Date: Herewith	Group:

**U.S. PATENTS**

Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date

**U.S. PATENT PUBLICATIONS**

Initials	Publication No.	Pub. Date	Name	Class	Sub-class	Filing Date
	2002/0044612 A1	4/18/02	Sipola	375	295	10/11/01
	2002/0007475 A1	1/17/02	Crozier	714	758	5/25/01
	2002/0035709 A1	3/21/02	Chen et al.	714	702	2/2/01

**FOREIGN PATENT DOCUMENTS**

Initials	Document Number	Date	Country	Name	Translation? Yes/No/n/a
	WO 99/07076	2/11/99	PCT	SAMSUNG ELECTRONICS, LTD.	N/A
	EP 0 980 162 A1	2/16/00	Europe	NOKIA MOBILE PHONES LTD.	N/A
	EP 0 996 232 A3 FI 108822 B	5/3/00 3/28/02	Europe Finland	ALCATEL CIT NOKIA CORPORATION	NO NO

**OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)**

	"Performance Analysis of Adaptive Interleaving for OFDM Systems", Sai-Weng Lei et al., Transactions on Vehicular Technology, Vol. 51, No. 3, May 2003, pp. 435-444
	"New Classes of Algebraic Interleavers for Turbo-Codes", Oscar Y. Takeshita, et al., ISIT 1998, Cambridge, MA, USA, page 1

Examiner's Signature:

Date Considered:

Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered.

Include a copy of this citation form with your next correspondence to the Applicant(s).